History: Hospitalizations

I. Screen Prototype at Initial Load (Show treeview and right frame)

After information has been entered into the entry fields
a. When click a Clear link, 1) clear out the entry fields in that section and 2) clear out error messages in that section.
b. When click an Add to List link, validate the entry fields in that section and their combinations.
    i. If passes validation,
        1. Add those items to the grid in a new row that has a Remove link sorted the same as prior to clicking the link and
        2. Clear out the entry fields in that section and
        3. Clear out error messages in that section.
    ii. If fails validation, display the error messages above the entry fields in that section.
c. When click a Remove link, display the following popup.
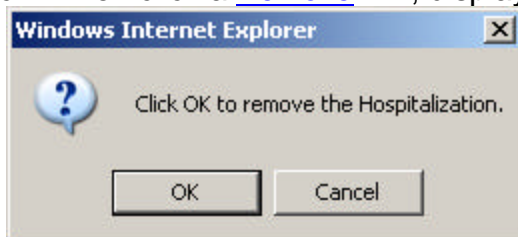
    i. If click, OK,
        1. Remove the row from the grid display

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> 2. Clear out the entry fields in that section
> 3. Clear out error messages in that section.
>> **ii.** If click Cancel, then do not remove the row from the grid display and do not clear any entry fields or error messages.

II. Click Edit in the Grid

a. When click an Edit link to edit a record
   - iii. Clear out error messages in that section
   - iv. Display the information for that row in the entry fields
   - v. Hide its Add to List and Clear links
   - vi. Show its Replace and Cancel link instead in the row
   - vii. Hide the Edit and Remove links in that row
b. When click Replace link to replace a record, do the same as when click Add to List link, but if it passes validation then show its Add to List and Clear links and hide its Replace link.
c. When click Cancel link to cancel edit of a record, do the same as when click the Clear link. Then show its Add to List and Clear links and hide its Replace link.
d. When click a Remove link, display the following popup.

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Click OK to remove the Hospitalization.
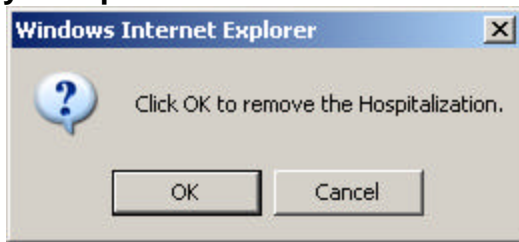
OK   Cancel

    viii. If click, OK,
1. Remove the row from the grid display
2. Clear out the entry fields in that section
3. Clear out error messages in that section.
    ix. If click Cancel, then do not remove the row from the grid display and do not clear any entry fields or error messages.

III. Validate the following:
   a. The page displays as per web standards
   b. Display on Grids
      o **Before Save** of Record – Display
         ▪ Remove
         ▪ Edit
      o **After Save** of Record – Display
         ▪ Update and QA Role – No link
         ▪ Admin Role – Remove and Edit
   c. Drop down lists are loaded correctly:
      • **NA**
   d. Display lists as follows:
      • Admission Date, Discharge Date, Hospital, Medical Record Number, Entry Date, Entered by
   e. Sort list as follows:
      • Hospitalizations by descending Discharge Date
   f. Text Boxes - (MEDICAL_RECORD_NUMBER)
      o All text boxes transform text to uppercase on entry
      o Trim all spaces from the beginning and end of textbox text before checking it for errors and before storing it in the database
   g. When the user scrolls, save the position. When the screen reloads, use the latest scroll position to redisplay the screen in the same position as it was before the reload.
   h. Date Fields: (ADMISSOM_DATE, DISCHARGE_DATE)
      o Display should include label, entry field, calendar icon, and format
        [Label: (mmddyyyy)]
      o The calendar controls works correctly.
      o Display •MMDDYYYY to the right of the Date field that is not a valid date (i.e. does not have a valid month day year combination) as soon as the user leaves the field. Earliest valid date is 01011800.
      o Date fields - listed above – 8 (must have day in this date so it must be exactly 8 digits)
      o When click the calendar icon and select a date, keep the cursor on the date field so the user can tab to the next field.
   i. No more than the maximum number of characters can be entered into the following fields:
   o Medical Record Number – 25

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    j. The following error messages display in the order of the fields on the screen if applicable when the user clicks <u>Add to List</u> or the **Save** button:

- o Admission Date cannot be prior to person's date of birth
- o Admission Date must be prior to Discharge Date
- o Discharge Date cannot be prior to person's date of birth
- o Discharge Date cannot be a future date.
- o Admission Date cannot be a future date.
- o Either Admission Date or Discharge Date is required.
- o Hospital is required.
- o Medical Record Number must be alphanumeric, punctuation cannot be entered
- o The current combination of Admission Date, Discharge Date and Hospital is already in the list
- o Information has been entered to add to a list, click Add to List or Clear the information

IV. Buttons & Links

    a. Error Messages - Validation to display messages to the user will not be performed on <u>Clear</u>, <u>Cancel</u> or on **Cancel**

    b. Waiting - When click a link that will bring up another page, display a popup with the pyramid image and a message such as of "Working, please wait..." as per standards.

    c. When click the Hospital <u>Search</u> link, display the Organization Search screen in a popup (the search screen should appear in a window wide and tall enough that all its fields are visible). .

- Display "Search Hospital" as applicable in place of the "Search Organizations" label to identify the search.
- The Type dropdown will be filtered using SURVWEB_LOOKUP_VALUE table – LIST_NAME: PROVIDER_ORG_TYPE, Filter Value: 31, Description: PARTY HOSPITALIZATIONS.
  - o HOSPITAL
- An organization should be selected by clicking on a name link. When a name is selected, close the Organization Search popup and display the organization's name and address in the Hospital field.
- Closing the Organization Search screen without a selection should keep the cursor on the Hospital <u>Search</u> link without changing anything on the Hospitalizations screen.
- **Remove** – The <u>Remove</u> link will display after a selection is made. Click the <u>Remove</u> link to remove the party association.
- When click a <u>Clear</u> link, 1) clear out the entry fields in that section and 2) clear out error messages in that section.

    d. When click the **Save** button, check

       x. If passes validations, save to database and display Data Saved screen

      xi. If fails validations, return error message directly above the Save button that states •Data has not been saved, see error messages above.

    e. When click **Cancel** button, reload the screen.

    f. When click a <u>Clear</u> link, 1) clear out the entry fields in that section and 2) clear out error messages in that section.

    g. When click an <u>Add to List</u> link, validate the entry fields in that section and their combinations.

      xii. If passes validation,

          1. Add those items to the grid in a new row that has a <u>Remove</u> link sorted the same as prior to clicking the link and

> > 2. Clear out the entry fields in that section and
> > 3. Clear out error messages in that section.
> xiii. If fails validation, display the error messages above the entry fields in that section.
> h. When click an Edit link to edit a record
> > xiv. Clear out error messages in that section
> > xv. Display the information for that row in the entry fields
> > xvi. Hide its Add to List and Clear links
> > xvii. Show its Replace and Cancel link instead in the row
> > xviii. Hide the Edit and Remove links in that row
> i. When click Replace link to replace a record, do the same as when click Add to List link, but if it passes validation then show its Add to List and Clear links and hide its Replace link.
> j. When click Cancel link to cancel edit of a record, do the same as when click the Clear link. Then show its Add to List and Clear links and hide its Replace link.
> k. When click a Remove link, display the following popup.
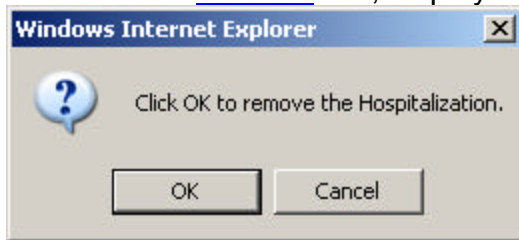
> > xix. If click, OK,
> > > 1. Remove the row from the grid display
> > > 2. Clear out the entry fields in that section
> > > 3. Clear out error messages in that section.
> > xx. If click Cancel, then do not remove the row from the grid display and do not clear any entry fields or error messages.
> l. Sorting - When click a column header in a grid, check to see if the sort is currently on that column. If so, sort the list on that column ascending or descending (opposite of what it currently is). If not, sort the list on that column ascending. Dates sort include the month, day and year.
> m. Tab Order - The tab order should default as top to bottom left to right unless otherwise stated.

V. Database routines – Screen Information

a. Retrieval of the user's security to display the screen.
b. Information will be stored in tables as shown below:

TABLE NAME: SURVWEB_PARTY_HOSPITALIZATION

Table:	Field on Screen	Database column	Comments
SURVWEB.SURVWEB_PARTY_HOSPITALIZATION PK SURVWEB_PARTY_HOSP_ID FK1 SURVWEB_PARTY_ID ADMISSION_DATE DISCHARGE_DATE **HOSPITAL_PARTY_ID** MEDICAL_RECORD_NUMBER **ENTRY_USERID** **ENTRY_DATETIME** LAST_CHANGED_USERID LAST_CHANGED_DATETIME	NA	SURVWEB_PARTY_HOSP_ID	Generate the SURVWEB_PARTY_HOSP_ID
	NA	SURVWEB_PARTY_ID	Set SURVWEB_PARTY_ID to SURVWEB_PARTY_ID
	Admission Date	ADMISSION_DATE	Set ADMISSION_DATE to ADMISSION_DATE
	Discharge Date	DISCHARGE_DATE	Set DISCHARGE_DATE to DISCHARGE_DATE

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	Hospital Name (Search)	HOSPITAL_PARTY_ID	Set HOSPITAL_PARTY_ID to HOSPITAL_PARTY_ID (Display Hospital Name and Address)
	Medical Record Number	MEDICAL_RECORD_NUMBER	Set MEDICAL_RECORD_NUMBER to MEDICAL_RECORD_NUMBER
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
	NA	ENTRY_USERID	Set ENTRY_USERID = userid
	NA	LAST_CHANGED_DATETIME	NULL
	NA	LAST_CHANGED_USERID	NULL

VI. Notes

Notes will be saved to TABLE NAME with a note type of PARTY HOSPITALIZATION

Table:	Field on Screen	Database column	
SURVWEB_PARTY_NOTE **PK** SURVWEB_PARTY_NOTE_ID **FK1** SURVWEB_PARTY_ID NARRATIVE_TEXT NOTE_TYPE ENTRY_DATETIME ENTRY_USERID	NA	SURVWEB_PARTY_NOTE_ID	Generate a SURVWEB_PARTY_NOTE_ID
	NA	SURVWEB_PARTY_ID	Set SURVWEB PARTY_ID = the Person's party id
	Note	NARRATIVE_TEXT	NARRATIVE_TEXT
	NA	NOTE_TYPE	Set NOTE_TYPE = PARTY HOSPITALIZATION (when entered from the HOSPITALIZATION node)
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = current date time
	NA	ENTRY_USERID	Set ENTRY_USERID = userid